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PATENT & TRADEMARK OFFICE

October 6, 2006.

To : Patent Examiner Amber D. Steele

Re: Application number 10/684,249. Art unit 1639.

Dear Examiner Amber D. Steele :

This letter is a response to the Patent Office Action Summary by Patent Examiner My-Chau Tran dated 9/13/2006. We, the applicants, took the advice of the Patent Office to elect a "particularly defined" core structure that is shared by all the library compound members as the single species to restrict our invention as required. The core structure has the general chemical formula XMR wherein X is H, F, Cl, Br, I, N_3, OR^1, SR^1, CN, $NR^1 R^2$, a cyclic group, a substituted cyclic group, a heterocyclic group, a substituted heterocyclic group, a linear branched alkyl group of 1 to 20 carbons, a substituted linear or branched alkyl group, an alkenyl group, a substituted alkenyl group, an alkynyl group, a substituted alkynyl group, an acyl group, a substituted acyl group, wherein R^1 and R^2 are each independently the same or different linear or branched alkyl group, a substituted linear or branched alkyl group, a substituted cyclic alkyl group, an acyl group, a substituted acyl group, and wherein M is NH, O, CO, and wherein R is H, OH, a linear or branched alkyl group, a substituted linear or branched alkyl group, a substituted cyclic alkyl group.

In addition to sharing the same core structure, the library compounds members share the following same modes of action:

1. The library compounds are converted to a single species with the general chemical formula of $XM^1C(=M^2)(R)$ wherein X is H, F, Cl, Br, I, N_3, OR^1, SR^1, CN, $NR^1 R^2$, a cyclic group, a substituted cyclic group, a heterocyclic group, a substituted heterocyclic group, a linear branched alkyl group of 1 to 20 carbons, a substituted linear or branched alkyl group, an alkenyl group, a substituted alkenyl group, an alkynyl group, a substituted alkynyl group, an acyl group, a substituted acyl group, wherein R^1 and R^2 are each independently the same or different linear or branched alkyl group, a substituted linear or branched alkyl group, a substituted cyclic alkyl group, an acyl group, a substituted acyl group, and wherein M^1 is N, O, CH, CR^3, wherein R^3 is a linear or branched alkyl group, a substituted linear or branched alkyl group, a substituted cyclic alkyl group, an acyl group, a substituted acyl group, and wherein M^2 is O or NOR^4, and wherein R^4 is an alkyl group, and wherein R is H, NR^5, SR^5, R^5, OR^5, a linear or branched alkyl group, a substituted linear or branched alkyl group, a substituted cyclic alkyl group, an acyl group, a substituted acyl group, and wherein R^5 is an alkyl group.

2. The library compound members are converted to a single species quantitatively and efficiently in aqueous environment and at room temperature.

3. The library compound members are not converted to their corresponding labeled internal standards while the conversion is done in the presence of the corresponding labeled internal standards.

Claims 10-13 and 15-18 from the original application are revised with the corresponding new claims to reflect this single species of the library compounds members. Claims 10-13 and 15-18 from the original application become claims 10-14 in this revised application.

A copy of the original patent application is attached for reference purpose. The application with revised claims is attached. Inventorship with respect to 3 inventor names remain unchanged.

Sincerely,

Nguyenduchoa

Hoa Nguyen